

**gDistrict I**  
1623 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
**District III**  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C-101  
Revised July 18, 2013

**HOEBS OCD**  
**APR 05 2017**  
**RECEIVED**

Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

☐ AMENDED REPORT

**D**

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

<sup>1</sup> Operator Name and Address CONOCOPHILLIPS COMPANY 600 N. DAIRY ASHFORD, EC3-10-W284 HOUSTON, TEXAS 77079		<sup>2</sup> OGRID Number 217817
		<sup>3</sup> API Number 30-025 - <b>43734</b>
<sup>4</sup> Property Code 31172	<sup>5</sup> Property Name EAST VACUUM GBSA UNIT	<sup>6</sup> Well No. 514

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
L	33	17S	35E		2180	SOUTH	488	WEST	LEA

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
I	32	17S	35E		2385	SOUTH	395	EAST	LEA

**9. Pool Information**

<sup>7</sup> Pool Name <b>VACUUM; GRAYBURG-SAN ANDRES</b>	<sup>8</sup> Pool Code <b>02180</b>
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**Additional Well Information**

<sup>11</sup> Work Type NEW WELL	<sup>12</sup> Well Type OIL	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type STATE	<sup>15</sup> Ground Level Elevation 3952'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 5121'	<sup>18</sup> Formation Grayburg/ San Andres	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 08/02/2017
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☐ We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	12-1/4"	9-5/8"	36#	1531'	750	Surface
Production	8-3/4"	7"	23#	5121'	800	Surface

**Casing/Cement Program: Additional Comments**

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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
ANNULAR	3000	2000	AXON

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

I further certify that I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒, if applicable.

Signature: **Kristina Mickens**

Printed name: KRISTINA MICKENS

Title: SR. REGULATORY COORDINATOR

E-mail Address: Kristina.Mickens@cop.com

Date: Phone: 281-206-5282

OIL CONSERVATION DIVISION

Approved By:

**[Signature]**

Title:

Approved Date: **04/06/17**

Expiration Date: **04/06/19**

Conditions of Approval Attached **See Attached**

**Conditions of Approval**

# CONDITIONS OF APPROVAL

API #	Operator	Well name & Number
30-025-43734	CONOCOPHILLIPS Company	EAST VACUUM GBSA UNIT # 514

Applicable conditions of approval marked with XXXXXX

## Administrative Orders Required

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## Other wells

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## Drilling

XXXXXXX	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string

## Casing

XXXXXXX	SURFACE & PRODUCTION CASING - Cement must circulate to surface --
XXXXXXX	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
XXXXXXX	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water

## Lost Circulation

XXXXXXX	Must notify OCD Hobbs Office if lost circulation is encountered at 575-370-3186

## Stage Tool

XXXXXXX	Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186
XXXXXXX	If using Stage Tool on Surface casing, Stage Tool must be greater than 350' from surface and a minimum 200 feet above surface shoe.
XXXXXXX	When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.

## Pits

XXXXXXX	If using a pit for drilling and completions, must have an approved pit form prior to spudding the well

## Completion & Production

XXXXXXX	Will require a directional survey with the C-104

XXXXXXX	Must notify OCD Hobbs Office of any water flows in the Salado Formation at 575-370-3186. Report depth and flow rate